



**CHOATE, HALL & STEWART**

A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

EXCHANGE PLACE

53 STATE STREET

BOSTON, MASSACHUSETTS 02109-2804

TELEPHONE (617) 248-5000 • FAX (617) 248-4000

WWW.CHOATE.COM

MAIL STOP: PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Express Mail No.: EL 992621498 US  
Attorney Docket No.: 0492611-0544 (MIT10633)  
DATE FILED: APRIL 1, 2004

**UTILITY PATENT APPLICATION TRANSMITTAL**

(for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

Given Name (first and middle)      Family Name or Surname      Residence

Paolo	Boccazzi	94 Richdale Ave. #3 Cambridge, MA 02140
Angela Y.	Chen	410 Memorial Drive Cambridge, MA 01239
Klavs F.	Jensen	103 Outlook Drive Lexington, MA 02421
Nicolas	Szita	65 Farragut Avenue Somerville, MA 02144
Andrea	Zanzotto	77 Porter Street Apt. #12 Somerville, MA 02143
Zhiyu	Zhang	25 South Point Drive Apt. 203 Dorchester, MA 02125

Title of the Invention      **“APPARATUS AND METHODS FOR SIMULTANEOUS  
OPERATION OF MINIATURIZED REACTORS”**

A) APPLICATION ELEMENTS:

1) ☐ **Fee Transmittal Form** (original and duplicate submitted for fee processing)

2) ☒ **Applicant Claims Small Entity Status** (see 37 CFR §1.27)

a) ☐ Statement Verifying Small Entity Status

3) ☒ **Specification**

TOTAL PAGES: 139

- Descriptive Title of the Invention
- Related Applications
- Background of the Invention
- Brief Description of the Drawings
- Description of Certain Preferred Embodiments of the Invention
- Claim(s) (14 pages)
- Abstract of the Invention (1 page)

4) ☒ **Drawing(s)** (35 U.S.C. § 113)

TOTAL SHEETS: 45

a) ☐ Formal Drawings (if checked)

5) ☐ **Oath or Declaration**

TOTAL PAGES: 184

a) ☐ Newly Executed (copy)

b) ☐ Copy from a prior application (37 C.F.R. § 1.63(d))-for  
continuation/divisional application

c) ☐ Unexecuted

6) ☐ **Application Data Sheet.** See 37 CFR 1.76.

7) ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program  
(Appendix)**

8) ☐ **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are  
necessary)

a) ☐ Computer Readable Form (CRF)

b) ☐ Specification Sequence Listing on:

i) ☐ CD-ROM or CR-R; or

ii) ☐ Paper

c) ☐ Statements verifying identity of above copies

d) ☐ Amendment Introducing Sequence Listing

**B) ACCOMPANYING APPLICATION PARTS:**

9) ☐ Assignment Papers

10) ☐ 37 C.F.R. § 3.73(b) Statement

11) ☐ Power of Attorney

12) ☐ English Translation Document (if applicable)

13) ☐ Information Disclosure Statement (IDS)/PTO-1449

14) ☐ Copies of IDS Citations

15) ☒ Return Receipt Postcard (MPEP 503) (specifically itemized)

16) ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

17) ☐ OTHER: (if applicable, specified below)

**C) FOR CONTINUING APPLICATIONS:**

☐ CONTINUATION      ☐ DIVISIONAL      ☒ CONTINUATION-IN-PART (CIP)

OF PRIOR APPLICATION NO: \_\_\_\_\_  
FILED: \_\_\_\_\_  
EXAMINER: \_\_\_\_\_  
GROUP/ART UNIT: \_\_\_\_\_

**FOR CONTINUATION OR DIVISIONAL APPLICATIONS ONLY:** THE ENTIRE DISCLOSURE OF THE PRIOR APPLICATION, FROM WHICH AN OATH OR DECLARATION IS SUPPLIED AS DETAILED ABOVE, IS CONSIDERED A PART OF THE DISCLOSURE OF THE ACCOMPANYING CONTINUATION OR DIVISIONAL APPLICATION AND IS HEREBY INCORPORATED BY REFERENCE.

**D.) PRIORITY CLAIM(S):**

This application claims the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below:

10/427,373	May 1, 2003	Pending
Application Number	Filing Date	Status

PCT Applications designating the United States:

US03/13479	May 1, 2003	Published
Application Number	Filing Date	Status

This application claims the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Provisional Application(s):

60/376,711	May 1, 2002	Expired
Application Number	Filing Date	Status

E) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

- ☒ Applicant claims small entity status 37 CFR §1.27
- ☒ A check is enclosed to cover the filing fees as determined on the fee transmittal enclosed herewith
- ☒ The Commissioner is hereby authorized to charge filing fees or credit any overpayment to Deposit Account Number 03-1721.

Basic Filing Fee ( <b><u>SMALL</u></b> Entity)	\$375.00
Additional Fees:	
Total Number of Claims in excess of 20: $(118 - 20) = 98 \times \$9$	\$882.00
Number of Independent Claims in excess of 3: $(5 - 3) = 2 \times \$42$	\$ 84.00
Multiple Dependent Claims ( <u>\$140</u> ):	\$
<b>Total Filing Fee:</b>	<b><u>\$1,341.00</u></b>

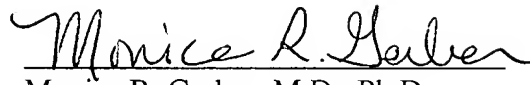
F) CORRESPONDENCE ADDRESS:

☒ Customer Bar Code Label: **24280**

X Correspondence Address:

Monica R. Gerber, M.D., Ph.D.  
Choate, Hall & Stewart  
53 State Street  
Exchange Place  
Boston, MA 02109  
Telephone: (617) 248-5000  
Facsimile: (617) 248-4000

Respectfully Submitted,

  
Monica R. Gerber, M.D., Ph.D.  
Reg. No. 46,724

CHOATE, HALL & STEWART  
53 State Street  
Exchange Place  
Boston, MA 02109  
Telephone: (617) 248-5000  
Facsimile: (617) 248-4000

Date: April 1, 2004